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## What is claimed is:

1. A method for distribution of a task, by a host computer, to a device that comprises an address and a processor having an idle state, the method comprising the steps of:

formatting the task and execution instructions in a packet;

identifying the packet for processing by the processor of the device during a period when the processor is normally in the idle state;

transmitting the packet to the device for generation of a result file by the processor in response to the execution instructions; and

receiving the results file.

- 2. The method of claim 1 wherein the processor runs an alternate personality of a plurality of personalities and the packet is processed by the alternate personality.
- 3. The method of claim 2 wherein the plurality of personalities comprises one or more of a POSTSCRIPT or PCL personality.
  - 4. The method of claim 1 wherein the address is a network address.
- 5. The method of claim 4 wherein the network address is an Internet protocol address.
- The method of claim 3 wherein the network address is an Ethernet address.
  - 7. The method of claim 1 and further including the step of the host computer transmitting an executable file to the device for use by the processor in order to process the task.

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- 8. The method of claim 1 wherein the device identifies the task as an idle state task in response to a port of the device over which the packet is received.
- 9. A method for distribution of a task, by a host computer, to a device that comprises an address, an operating system that performs a plurality of personalities, and a processor that executes the personalities and operating system, the method comprising the steps of:

identifying the task at the host computer for processing by the device;

formulating the task into executable instructions;

wrapping task execution instructions and the task in a packet:

labeling the packet for processing by a first personality of the plurality of personalities;

addressing the packet with the address;

transmitting the packet to the device for generation by the first personality of results in response to the task and the task execution instructions; and

receiving the results from the device.

- 10. The method of claim 9 wherein the plurality of personalities comprise a POSTSCRIPT personality and a PCL personality and the first personality comprises an idle CPU personality.
- 11. The method of claim 9 wherein the step of formulating the task into an executable state comprises formulating the task into JAVA code.
- 25 12. The method of claim 9 wherein the task execution instructions comprise an executable file for execution of the task.
  - 13. The method of claim 12 wherein the task comprises a data file that is used by the executable file to generate the results.

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14. A method for distribution of a task, by a host computer, to a printer that comprises an operating system that includes a JAVA interpretation process and a processor that executes the JAVA interpretation process and operating system, the printer having an idle state during which printing is not performed, the method comprising the steps of:

identifying the task at the host computer for processing by the printer; formulating the task into an executable form comprising JAVA code; wrapping task execution instructions and the JAVA code in a packet; labeling the packet for processing by the JAVA interpretation process;

transmitting the packet to the printer for generation of results by the JAVA interpretation process in response to the JAVA code and the task execution instructions; and

the host computer receiving the results from the printer.

15. A printer apparatus coupled to a host computer, the apparatus comprising:

a processor having an idle state during which printing is not performed;

an operating system, executed by the processor, for performing various personalities of the printer apparatus;

means for receiving a packet from the host computer, the packet comprising a task to be performed by the processor during the idle state;

means for interpreting the task and generating task results; and means for transmitting the task results back to the host computer.

- 25 16. The printer apparatus of claim 15 wherein the task is written in JAVA code and the means for interpreting the task comprises a JAVA Virtual Machine.
  - 17. The printer apparatus of claim 15 wherein the various personalities of the printer apparatus comprise a POSTSCRIPT personality, a PCL personality, and an idle CPU task personality.

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- 18. A computer system for minimizing processing time for large processing job requests, including a computer in communication with at least one remote peripheral device having a processor, memory, and an operating system, the system comprising:
- means for parsing tasks from the large processing job request for processing by the at least one remote peripheral device;

means for generating a task comprising data and execution instructions:

means for wrapping the task with a functionality label to form a packet;

means for transmitting the packet to the at least one remote peripheral device for processing by the at least one remote peripheral device to generate task results; and means for receiving the task results from the at least one remote peripheral device.

19. The system of claim 18 and further comprising:

means for receiving the packet at the at least one remote peripheral device; means for determining a necessary functionality for processing the task from the wrapper label;

means for unwrapping the packet:

means for processing the task with the necessary functionality, according to the execution instructions, and generating the task results;

means for capturing the task results; and

means for addressing the task results for return to a transmitting computer.

- 20. The computer system of claim 19 wherein the necessary functionality 25 is a JAVA Virtual Machine.
  - 21. The computer system of claim 19 wherein the at least one remote peripheral device is one of a printer, a scanner, gaming systems, and a personal digital assistant.

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- 22. The computer system of claim 19 and further including means for storing the task in memory of the at least one remote peripheral device.
- 23. A computer system for minimizing processing time for large processing job requests, the system comprising:

a computer having a processing unit and memory that stores programming commands that, when read by the processing unit, causes the processing unit to function to: parse a task from the large processing job request, and wrap the task and instructions for processing the task with a functionality label to form a packet; and

at least one remote peripheral device having a processing unit and memory that stores programming commands that, when read by the peripheral processing unit, causes the peripheral processing unit to function to: receive a packet from the computer, wherein the packet includes the functionality label, the task and the instructions for processing the task, determine a necessary functionality for processing the task in response to the wrapper label, unwrapping the packet, and processing the task with the necessary functionality to generate task results.

- The computer system of claim 23 wherein the necessary functionality is a JAVA Virtual Machine.
- 25. The computer system of claim 23 wherein the task comprises at least one data file.
- 26. The computer system of claim 23 wherein the task comprises at least one executable file.
  - 27. The computer system of claim 24 wherein the task is written by the processor in a code that is interpreted by the JAVA Virtual Machine.